

(12) **United States Patent**
Chaudhri et al.

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(54) **METHOD AND APPARATUS FOR
DISPLAYING A WINDOW FOR A USER
INTERFACE**

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 481 days.

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(52) **U.S. Cl.**

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(2013.01); **G06F 2203/04804** (2013.01)

(58) **Field of Classification Search**

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See application file for complete search history.

(57) **ABSTRACT**

Methods and apparatuses to display windows. In more than
one embodiments of the invention, a window is closed
automatically (e.g., after a timer expires, or when a condi-
tion or criterion is met, or a system input is received) without
user input. In some examples, the window is translucent so
that the portion of another window, when present, is visible
under the window. In some examples, the image of the
window is faded out before the window is closed and
destroyed. In some examples, the window does not close in
response to any input from a user input device. In some
examples, the window is repositioned (or hidden) automati-
cally when another translucent window is displayed. The
degree of translucency, the speed for fading out, the discrete
levels of translucency for fading out, the time to expire,
and/or other parameters for controlling the display of the
window may be set by the user or adjusted by the system (or
application software programs) automatically according to
system conditions or other criteria.

34 Claims, 21 Drawing Sheets

